In Inaquest Your for the degree of Doctor of Medicine; in the University of Leonogleanie; on Dizetalis Lustures; by Herselin it Medicieth of List?



Eulstion and dispute among the medical world. Diversified soon to a proverty has been is fortune, on the one hand its virtues were betolled almost as a discipie, whilst on the there its inveterely has been Equally maintainty When doctors disagere who I Lall decise; in this case - experiences which has swept into the see. the of insignificancy both opinions. Upon a subject like this which has been canvalled by wen of humanes, to altrupt originality was ld be sain - Too to gild refined gold

So was lifed and redientens hospi. I therefore describing malling any factionisms to de. I propose in the paper to give an account 14 of the Plant, 24 More of Chalities. 34 More of Chalities. 34 More of Chalities.

4 . 8 tion; their example must convey until to very tust, as a full account of any one of the dissission worth south this paper to a vice incompatible with my object.

## Sivision 1:5

Description of the Plants:

The is the Digitalis Zurpurea of Vinneus, it be. longs to the second order of the fourteenth claps, in the Didynamia Ungers premie of Linnams. It is a native of Europe, but may be vuccepful by cultivated in any part of the United States, whether it lofer any of its virtue by cuttions tion is a subject upon which much variety opinion persiles it is the opinion of Doctor Hamilton that it does not. This plant is a bien mist and delights in any, gravelly, sandy soil; perticularly upon sloping grounds. It bears Some restrictance to the common untlein Verbaveum . It flowers from the middle of June

to the said of July; the roots, stems, leaves and flowers have a peculiar bestections, newsons, and sond taste. long part of the plant popules some les properties, but the braves are generally preferred and are view to be by far the more ofsiercious; they are slightly smalled, wrinkled, Mong, egg. shaped, of a green colour above, but hale underweath. Chemical composition where live matter; and green res in in which its naw colie properties resett. I dutitely both water and alcohol behave its outure. Sucremente. ble substances its solution are precipitated by Chlorist of Nevery, Metrate of Vilore, and by an injusion of yellow cinchone back.

Mode of Exhibition

It may be given in Intotance, Tenature, In favior, Secretion; and Ethack. When we work the offert of a waveste to be for more the

substance will be found preferable. When the distel is to dimenion the relocity of the pulse, or in care where we wish it to be gradually introduced into the system; the valueated line. twee as it contains the virtues of the Forglood in a very manageable form whithe prepared. When diversis is drunanded withing, Hamilton, and others of us less respectable authority, recommend the Supersion as it admits of lary regulation in the how according to the cave, stringth of the patient, and the effects produced. The decooling News to have been little noticed by authors; the most of preparing it is one which has a tendency to destroy many of its west ac. live peoperties undering it comparatively inset and causing much sariability in the base. of the Extract I shall only remarks that a medicine is hose largest done scarcely tole weers three grains can stand in need of little

con orunation

## Division 3 d

## Mobin Operande

The question whether Digitates is Stemulant a sedative in its primary operation, is still a subject of much controvery; the unter lance apparey, and the loss fringularity have suggested many theories to account for the reculear action of this meticine, but duck spe outations was if they profless the property of thing sutalligible have been productive of little advantage; if any man "Layo a writer" were inclined to water a vatice on instical Ess dence, the views respecting the operation of this sough plant would furnish abundant ring outs the perfection to decide when these and be wirely; yet I cannot suppress my opinion

that Digitaliv is bireotty stimulant; switnesting the meaning of the word, and indirectly Malive; but that the stimulant Effects are in no way proportionale to the ultimate debation influence. the analogy in this uspect between opium and Digitalis I think osey the King. Many of the thenourus allending the operation of this sin gules plant, can only be attributed to its in fluence over the Userry Ly Stene; for me to at-Isought deplacing the prominentes of it would be absurd and rediculous- this is reserved for ages yet to come, or at brast untill physics gists have acquired a better hurwledge of the functions of the dresons system arts its influence one the Arthuist. The operation of Digetalis over the Albrial Lystem is very great as repeated Experiensite clearly prose- dimeneshing the selve sity of the pulse in some instances to have its natural standard; if any man vans bereine

had Expressed an opinion a few years ago that went: discoon a underine capable of leducing the pulse without danger from 120 in a minute to 75 or 80 at the will of the practitioner, he would have been ribrealed as a visionary; and he continued this Want Jurnishes us the means of regulating the pulse to our wish and of supporting a given state of velocity as long as we judge proper. The state of the pulse varies also according to the position of the patients brog; this singularity was first noticed by Detacas and published in 1807 in the Medical and Jugical Sound, this Experie went he first tried upon himself, having put his Lysten with its full lysels; whom standing treet his pulse best 100, upon Lotting down much stower, and when lying on his back it fell to 40. this he prequently repeated upon himself and others and always attended with the same results; I have pair much attention to this subject says doctor

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Hamilton without being able to convince myself of the fact in guestion, but I believe the variation in the pulse will rather be found to accompany debility in general than to dekend whom the jear Moules inclumes of Digitalis: as a proof of it, he related a care in which as the patient abounce end in strongth it Entirely craved. How its to, handinary sproto over the circulatory system, the absorbent is called into play, and upon this action many of its greatest sufficient effects depends and respecially its operation as a diner. die; he strongthen this opinion that Digitalis does not specifically on the Ridness 2013 I will quote the high authority of Doctor Chapman whose opinion upon all subjects is Equally respected and admired - it seems days he to be one of these directies that act directly on the absorbent system having little or us as lation to the Ridnies. Constuding my remarks on

the Moone operands of will only was, that I think Digitalis by diminishing the frequency of the My at and letters; consequently diminished the existability of the system; insured the solice of the absentiation and the discharge by wine. Division of the

Threapentical Sphlication

Descring a free from the execution of Type late when the absentiate, is we in hyper fix affections would deem to be indicated; at any state, of all the die! in which it has been to have largeries is the tract displaced; the proclin of presorting it in disputed; the proclin of presorting it in disputed larger originally with blocksing, about larger processing etter inducers to surply about the grant form having etter inducers to be surply at the process of the surply die to the the state of the water has done to form that he says is far as the removal of the water

will contribute to cure the patient, so weach may be expected from Digitalis. This peaces tice was soon made Known and imetallo by many and among the number the dislinguished names of Lercival, Daker and Various stord conspicuous. The indiscriminate administration of this remedy in dropsier regard les of the patients pulse, symptom de das had a tendency greatly to diminish its reuntation; Withering days that is persons of trude fite and great natural Strength the medicine other down successor, while on the contrary is the pulse is fleble or intromeding, the whim cold; it hartly ever fail to do good. The encycled form of the diverse se orplid: Digitalis may be preveribed in all the other taxieties. In account of the diversity of opinion it is difficult to determine in what forms of these dis: Digitalis is found enost Efficacions; trong practitioner has a greater preditection for it in

from having stra cases of the one, more juguently than the others. Ramillan Strongly recommends it in Hypothorax not honover condemning its lehe ebition in the other forms; he days that he has were deen one case however far advanced; or drefrate, that was not speedily relieved by et; Exercise has however shown the fallacy of the En thudias lie I latement. It is thought by Jocks Chapman-to be equally unful in Hybrothouse, that I have they good with in Thy Buthouse than in other propries; under circumstances equa My favourable . In Hy bropo Luicardii: Hamilton affirms that it will early disappoint the & pretations of the practitioner; in this care vayor D? Chapman I fully councide - as to the great efficacy of Digitalis. I cannot dismifs my remarks on the Throop application of Degis

tales in despries without inserting the flattering opi wire of Curic is its farme; the medicine days he may almost be said to be persepered of a chance for its efficacy in some Kinds of deopsier; lope lially Hydrethorax: its interduction into medicine, is one of the greatest bluefits our receive has received in modern times. In organic affect tion of the heart and large arteres arising from. or depending whom hydropic effections or 88 ps. ditions impeding the natural functions de Digitalio will no doubt considerably attroiste symptoms and prolong life. The pathology of remourhage clearly indicates the advantage in certain states of these dis ; to be derived from the exhibition of Youglood: I have referever to those homourhages from internal organs or what may perhaps be more strice thy denominated idiopathic homourhage; pre vious to an offusion some fabrile irritation

is felt; the pulse quied, hard, and full; but after Effection has taken and a considerable quantity of blood lost; the pute becomes more natural and less frequent, the force of the circulation al athough diminished; is still more rapid than in health, the cause bring renewed the vepals are mable to resist the vir a large, and a cepi tition of the attack Endues; to deplete unite such eiterms lance would be hazardous; at this critical moment begitation is said to act little magic: and fortunately says Hamilton it osto down disappoints our expectations; the effects his duesd can be kept up untill the reports shall have regained their powers of resistance. of its supposed impluence over suplant diseases: and of its surrecting the lawest, I shall say little; absurd and rediculous horreon as this mactice was, it had its totailed among whom might be ranked Curie and Moforman the

former states, that he has employed and succeeded with it in cases of inflammations of the brain, lungs Le which he should otherwise have dispaired of retirings the latter days that presumonic enflam materus may be orrecome by it; with as much cretainty as prose by backs there gentlemen's ima quations must have drawing their better judger ments or there must have existed in this day patients of such idissynerasies as are deldom to be met with at the present line, In chronic cases of these affections after sufficient deptetion de had been attended to: Digitalis in small tosts as an altreative would no trust have had a brurficial tendency. I shall conclude with a few remarks upon its application in Consumption; lesa the last stages- Ularrations, Disorganizations, Heckerand all its concomitant symptoms: found no obstacle to its remedial fours Bedood days

that he has patients arranging towards recovery with Is firm a prece, that he Exprete consump tion will be cured by longlove, with as much culainty as five by back. Deathe also states that he has seen many caves of confirmets pho this is comed by it, and almost all relieved; life has some been protracted by it, and when death has taken place it has been free from pain or Struggle. When the divease is attached in its ing citimon before puralent repectoration has taken place with due regulation to regimeny idis. Aquerasy of constitution de it may says Itil be administreed with a prospect of almost in variable success; but it has like all other unsdicined limited porous, and when the sub stance of the lungs has become insolved it with will like all other remedies prove about lives this opinion I believe is danctioned by most practitioners of the present day; I will only say

aged in conclusion that emanating as the tipes may of Dejetatis in the own of consumption tous from men of seach distinction, I think it my set as Reade as a decare severes in all cases downers for absences of the generally of the Layspers of the Institution in terrally of their implesfect though and I flatter enjoyelf industrial in the table of the interference of the distinction its bring the product is taken in consistential in the lay weeking the and were the appeals by weeking and not been it because the appeal were not to make

